

1656

RAW SEQUENCE LISTING

DATE: 06/14/2001

PATENT APPLICATION: US/09/532,708

TIME: 10:10:30

Input Set : A:\A67933-1.ST25.txt

Output Set: N:\CRF3\06142001\I532708.raw

ENTERED

3 <110> APPLICANT: Jain, Sarita
 4 Allen, Elizabeth
 5 Pati, Sushma
 6 Sargent, Roy
 7 Zarling, David
 9 <120> TITLE OF INVENTION: HIGH-THROUGHPUT GENE CLONING AND PHENOTYPIC SCREENING
 11 <130> FILE REFERENCE: A-67933-1/RFT/RMS/BTC
 13 <140> CURRENT APPLICATION NUMBER: US 09/532,708
 14 <141> CURRENT FILING DATE: 2000-03-22
 16 <150> PRIOR APPLICATION NUMBER: US 60/125,536
 17 <151> PRIOR FILING DATE: 1999-03-22
 19 <160> NUMBER OF SEQ ID NOS: 12
 21 <170> SOFTWARE: PatentIn version 3.0
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 7
 25 <212> TYPE: PRT
 C--> 26 <213> ORGANISM: Artificial
 28 <220> FEATURE:
 29 <223> OTHER INFORMATION: synthetic
 31 <400> SEQUENCE: 1
 33 Gly Phe Arg Gly Glu Ala Leu
 34 1 5
 36 <210> SEQ ID NO: 2
 37 <211> LENGTH: 21
 38 <212> TYPE: DNA
 C--> 39 <213> ORGANISM: Artificial
 41 <220> FEATURE:
 42 <223> OTHER INFORMATION: synthetic
 44 <400> SEQUENCE: 2
 45 atcacagttc actccagcct c 21
 48 <210> SEQ ID NO: 3
 49 <211> LENGTH: 23
 50 <212> TYPE: DNA
 C--> 51 <213> ORGANISM: Artificial
 53 <220> FEATURE:
 54 <223> OTHER INFORMATION: synthetic
 56 <400> SEQUENCE: 3
 57 tatagccccc cttgagcaca cag 23
 60 <210> SEQ ID NO: 4
 61 <211> LENGTH: 267
 62 <212> TYPE: DNA
 C--> 63 <213> ORGANISM: Artificial
 65 <220> FEATURE:
 66 <223> OTHER INFORMATION: synthetic
 68 <400> SEQUENCE: 4
 69 gtgagtttcc cgctgtctcc agcgggtcgg gtgaagctgg tgtctgcggg gttccagact 60
 71 gctgaggaac tcctagaggt gaaacctcc gagcttagca aagaagtggg gatattctaaa 120

RAW SEQUENCE LISTING

DATE: 06/14/2001

PATENT APPLICATION: US/09/532,708

TIME: 10:10:30

Input Set : A:\A67933-1.ST25.txt

Output Set: N:\CRF3\06142001\I532708.raw

```

73 gcagaagcct tagaaactct gcaaattatc agaagagaat gtctcacaaa taaaccaaga      180
75 tatgctggta catctgagtc acacaagaag tgtacagcac tggaacttct tgagcaggag      240
77 catacccagg gcttcataat caccttc                                          267
80 <210> SEQ ID NO: 5
81 <211> LENGTH: 20
82 <212> TYPE: DNA
C--> 83 <213> ORGANISM: Artificial
85 <220> FEATURE:
86 <223> OTHER INFORMATION: synthetic
88 <400> SEQUENCE: 5
89 gtgagtttcc cgctgtctcc                                          20
92 <210> SEQ ID NO: 6
93 <211> LENGTH: 22
94 <212> TYPE: DNA
C--> 95 <213> ORGANISM: Artificial
97 <220> FEATURE:
98 <223> OTHER INFORMATION: synthetic
100 <400> SEQUENCE: 6
101 gaaggtgatt atgaagccct gg                                          22
104 <210> SEQ ID NO: 7
105 <211> LENGTH: 510
106 <212> TYPE: DNA
107 <213> ORGANISM: Mus sp.
109 <400> SEQUENCE: 7
110 gactacctca tgaagatcct caccgagcgc ggctacagct tcaccaccac ggccgagcgg      60
112 gaaatcgtgc gtgacattaa ggagaagctg tgctacgtcg ccctggactt cgagcaagag      120
114 atggccacgg ctgcttccag ctctccctg gagaaagact acgagctgcc tgacggccag      180
116 gtcatcacca ttggcaatga gcggttccgc tgccctgagg cactcttcca gccttccttc      240
118 ctgggcatgg agtctgtgg catccacgaa actaccttca actccatcag aagtgtgacg      300
120 tggacatccg caaagacctg tacgccaaca cagtgtgtgc tggcggcacc accatgtacc      360
122 ctggcattgc cgacaggatg cagaaggaga tcactgcctt ggcacccagc acaatgaaga      420
124 tcaagatcat tgctctcctt gagcgcaagt actcgtgtgg atcggcggct ccatcctggc      480
126 ctgctgttcc accttcagc agatgtggat                                          510
129 <210> SEQ ID NO: 8
130 <211> LENGTH: 22
131 <212> TYPE: DNA
C--> 132 <213> ORGANISM: Artificial
134 <220> FEATURE:
135 <223> OTHER INFORMATION: synthetic
137 <400> SEQUENCE: 8
138 acggactacc tcatgaagat cc                                          22
141 <210> SEQ ID NO: 9
142 <211> LENGTH: 21
143 <212> TYPE: DNA
C--> 144 <213> ORGANISM: Artificial
146 <220> FEATURE:
147 <223> OTHER INFORMATION: synthetic
149 <400> SEQUENCE: 9
150 atccacatct gctggaaggt g                                          21

```

RAW SEQUENCE LISTING

DATE: 06/14/2001

PATENT APPLICATION: US/09/532,708

TIME: 10:10:30

Input Set : A:\A67933-1.ST25.txt

Output Set: N:\CRF3\06142001\I532708.raw

```

153 <210> SEQ ID NO: 10
154 <211> LENGTH: 330
155 <212> TYPE: DNA
156 <213> ORGANISM: Homo sapiens
158 <400> SEQUENCE: 10
159 attgacactg agggtagctt taggccagaa cggctgctgg cagtggctga gaggtatggt      60
161 ctctctggca gtgatgtcct ggataatgta gcatatgctc gagcgttcaa cacagaccac      120
163 cagaccacgc tcctttatca agcatcagcc atgatggtag aatctaggta tgcactgctt      180
165 attgtagaca gtgccaccgc cctttacaga acagactact cgggtcgagg tgagctttca      240
167 gccaggcaga tgcaactggc caggtttctg cggatgcttc tgcgactcgc tgatgagttt      300
169 ggtgtagcag tggtaatcac taatcaggtg                                     330
172 <210> SEQ ID NO: 11
173 <211> LENGTH: 24
174 <212> TYPE: DNA
C--> 175 <213> ORGANISM: Artificial
177 <220> FEATURE:
178 <223> OTHER INFORMATION: synthetic
180 <400> SEQUENCE: 11
181 attgacactg agggtagctt tagg                                             24
184 <210> SEQ ID NO: 12
185 <211> LENGTH: 19
186 <212> TYPE: DNA
C--> 187 <213> ORGANISM: Artificial
189 <220> FEATURE:
190 <223> OTHER INFORMATION: synthetic
192 <400> SEQUENCE: 12
193 cacctgatta gtgattacc                                             19

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/532,708

DATE: 06/14/2001

TIME: 10:10:31

Input Set : A:\A67933-1.ST25.txt

Output Set: N:\CRF3\06142001\I532708.raw

L:26 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1
L:39 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2
L:51 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:63 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:83 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:95 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:132 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:144 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
L:175 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
L:187 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12